



MAR 24 2008

DEPT OF ENVIRONMENT & NATURAL
RESOURCES - RAPID CITY

APPLICATION FOR PERMIT TO DRILL

Type of work: ☐ Drill New Well ☐ Re-enter Well ☐ Drill Directional Well ☒ Oil Well ☐ Gas Well ☐ Injection
☒ Other ☐ Drill New Horizontal Well ☐ Other

Name and Address of Operator: One Warren Place, 6100 S. Yale, Ste 1700, Tulsa, OK 74136 Telephone
Tecton Energy, LLC 3000 Wilcrest, Suite 300, Houston, TX 77042 (281) 668-8868
Zenergy Operating Co, LLC 918-488-6416

Name and Address of Surface Owner:
South Dakota School and Public Lands - 500 East Capital Ave., Pierre, SD 57501

Name and Address of Drilling Contractor and Rig Number:
To be determined.

Surface Location of well: Qtr-Qtr, Sec, Twp, Rge, County, feet from nearest lines of section, and latitude and longitude (if available):

605' FNL 1,580' FEL (NW/4 NE/4) Sec. 26 T23N R2E

If Directional, top of pay and bottom hole location from nearest lines of section:

±947' FNL ±2,100' FEL Sec. 26 T23N R2E - Top of pay

±500' FSL ±2,640' FEL Sec. 27 T23N R2E - Bottomhole location

Acres in Spacing (Drilling) Unit

1,280 acres

Description of Spacing Unit

All of Sec. 26 & 27 - T23N - R2E

Well Name and Number		Elevation	Field and Pool, or Wildcat		Proposed Depth and Formation	
Harding Ranchers 26-1H		3,002.7'	Wildcat		8,430' TVD 15,703' MD	
Size of Hole	Size of Casing	Weight per Foot	Depth	Cementing Program (amount, type, additives)		Depth
1) 12-1/4"	9-5/8"	J-55 36#	2,000'	±400 sxs Premium Lite and ±250 sxs "G"		To Surface
2) 8-3/4"	7"	HCL-80 29# & 32#	8,795' MD	±500 sxs Prem Lite" Plus and		4,500'
3)				±200 sxs Prem. Lite II HS		
4) 6"	None	Open Hole	15,703'.	None		

Describe Proposed Operations (Clearly State all Pertinent Details, and Give Pertinent Dates, Including Estimated Date of Starting any Proposed Work). Use additional page(s) if appropriate.

April 1, 2008

See attached Drilling Program and Directional Profile

I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

Kimberly J. Rodell
Signature

Kimberly J. Rodell
Name (Print)

Permit Agent for
Tecton Energy, LLC
Title

Revised: March 21, 2008
Original: February 1, 2008
Date

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Approved By: *Fred M. Stuebe* Title: Oil and Gas Supervisor
Permit No. 1878 API No. 40 063 20652 Date Issued: July 16, 2008
Conditions, if any, on attached page.

See Transfer of operator (copy this file) Jim